

What is claimed is:

1 1. A spring strut support bearing, comprising:
2 a top bearing having an inner ring by way of which
3 the top bearing can be affixed to the end of a piston rod
4 of a shock absorber connected to a vehicle body;

5 an outer ring surrounding the inner ring with radial
6 clearance defining a gap therebetween, the outer ring
7 being stationary with respect to the vehicle body;

8 at least one elastic spring element made of rubber-
9 elastic material located in the gap formed by the
10 clearance;

11 wherein the inner ring has two end faces, on each of
12 which has at least one elastically flexible stop buffer
13 for limiting extreme deflection movements along a
14 deflection direction defined by the motion of a shock
15 absorber, each of the stop buffers having the capability
16 of being brought into contact with counter stop faces.

1 2. The spring strut support bearing as recited in Claim
2 1, wherein the stop buffers and the elastic spring
3 element are formed in one piece and of the same material.

1 3. The spring strut support bearing as recited in Claim
2 1, wherein the stop buffers are produced separately and
3 connected frictionally and/or with form locking to the
4 respective end face of the inner ring.

1 4. The spring strut support bearing as recited in Claim
2 3, wherein the stop buffers are snapped into undercut
3 recesses in the respective end faces of the inner ring.

1 5. The spring strut support bearing as recited in Claim
2 1, wherein the inner ring has at least one opening
3 extending essentially in the axial direction from end

4 face to end face, and that the opening is penetrated by
5 material of the stop buffers.

1 6. The spring strut support bearing as recited in Claim
2 3, wherein the inner ring has at least one opening
3 extending essentially in the axial direction from end
4 face to end face, and that the opening is penetrated by
5 material of the stop buffers.

1 7. The spring strut support bearing as recited in Claim
2 3, wherein the stop buffers are made of cellular
3 polyurethane.

1 8. The spring strut support bearing as recited in Claim
2 5, wherein the stop buffers are made of cellular
3 polyurethane.

1 9. The spring strut support bearing as recited in Claim
2 1, wherein the stop buffers on each end face of the inner
3 ring are formed in each case by at least three lug cams
4 uniformly distributed in the circumferential direction.

1 10. The spring strut support bearing as recited in Claim
2 2, wherein the stop buffers on each end face of the inner
3 ring are formed in each case by at least three lug cams
4 uniformly distributed in the circumferential direction.

1 11. The spring strut support bearing as recited in Claim
2 1, wherein the outer ring is fixedly mounted in an
3 essentially cup-shaped flange, and the flange is fixedly
4 joined to the vehicle body.

1 12. The spring strut support bearing as recited in Claim
2 4, wherein the outer ring is fixedly mounted in an
3 essentially cup-shaped flange, and the flange is fixedly

4 joined to the vehicle body.

1 13. The spring strut support bearing as recited in Claim
2 1, wherein the counter stop faces are formed axially on
3 the one side by bottom of the flange, and axially on the
4 other side by the vehicle body.